

Abstract

The invention provides a method for producing α -olefin - aromatic vinyl compound copolymers of high quality at high productivity. The method for producing an α -olefin - aromatic vinyl compound copolymer including copolymerizing an α -olefin and an aromatic vinyl compound in the presence of a copolymerization catalyst formed of a transition metal compound component (A) and a co-catalyst component (B) wherein the component (A) employs a transition metal compound having two cross-linking groups wherein at least one of the cross-linking groups is a cross-linking group exclusively formed of a carbon-carbon bond.